

Pairing Introduction

Course Description

Audience

This course addresses beginners not familiar with pairing concepts. Experienced planners with no or little knowledge of the Jeppesen Crew Pairing system could begin with the course [Pairing I](#).

Prerequisites

None

Duration

1 day

Course goals

This course gives you an introduction to standard pairing concepts. After completing the course you will have a thorough understanding of:

- planning concepts
- complete planning process
- crew pairing problem objective and complexity
- complicating factors
- solution approaches

Course topics

- The complete planning process
- Overview of Jeppesen Crew Management products
- Planning concepts such as:
 - flight
 - deadhead
 - crew position
- Rules and costs
- Planning objective
 - follow regulations
 - minimize costs
 - maximize quality
- Basic planning problem
- Complicating factors such as
 - varying crew need
 - multiple bases
 - regularity

- Problem types
 - long haul
 - short haul
- Solution approaches
 - daily
 - standard week

All exercises are done using a generic flight data and rule set.